

### **AMENDMENTS TO THE SPECIFICATION**

Please replace Paragraph [0016] with the following paragraph:

**[0016]** The capacitance meter is communicatively connected to a computer based subsystem 34 adapted to perform computations, execute algorithms and display data and information such as the measured thickness  $d$  of the coating 14. In a preferred embodiment, the computer based subsystem 34 includes a processor 38 adapted to execute all functions of the computer based subsystem 34, at least ~~[[on]]~~ one electronic memory device 42 and a display 46. The electronic memory device can be a computer readable medium adapted to electronically store data, for example, a hard drive, a floppy disk, a zip disk, EEPROM and flash memory.